

In the Claims:

Please delete the word "Claims" and insert --What is claimed is:-- therefor.

Please amend the claims as follows:

1. (currently amended) A method for manufacturing a light guide, ~~in particular a backlighting or frontlighting light guide for user interfaces of electronic devices,~~ comprising:
~~wherein providing~~ a light guiding substrate ~~is provided~~ as a foil,
~~wherein embossing~~ diffractive gratings ~~are embossed~~ on at least one side of said foil by rolling,
~~wherein providing~~ additional optical films ~~are provided~~ continuously from a bobbin, and
partially ~~laminated~~ laminating said additional optical films onto said embossed foil after said rolling.
2. (original) The method of claim 1, wherein said diffractive gratings are embossed into said foil in a continuous pattern.
3. (currently amended) The method of ~~any one of claims 1 or 2~~ claim 1, wherein said foil is provided for rolling continuously from a bobbin.
4. (original) The method of claim 1, wherein said additional optical films are partially laminated onto said embossed foil by heating and/or glueing.
5. (currently amended) The method of ~~any one of claims 1 to 4~~ claim 1, wherein said optical films are laminated onto said foil at least partially along the outer edges of said foil.

6. (currently amended) The method of ~~any one of claims 1 to 5~~ claim 1, wherein said optical films are laminated onto said foil at least partially at corners of segments of said foil.
7. (currently amended) The method of ~~any one of claims 1 to 6~~ claim 1, wherein said lamination includes laminating additional optical films onto at least one side of said foil.
8. (currently amended) The method of ~~any one of claims 1 to 7~~ claim 1, wherein first optical films are laminated onto a first side of said foil.
9. (original) The method of claim 8, wherein said first optical films are diffuser films and/or brightness enhancement films.
10. (currently amended) The method of ~~any one of claims 1 to 9~~ claim 1, wherein second optical films are laminated onto a second side of said foil.
11. (original) The method of claim 10, wherein said second optical film is a reflector film.
12. (currently amended) The method of ~~any one of claims 1 to 11~~ claim 1, wherein individual light guides are separated from said foil by stamping or cutting.
13. (currently amended) The method of ~~any one of claims 1 to 12~~ claim 1, wherein individual light guides are separated from said foil during lamination.
14. (currently amended) The method of ~~any one of claims 1 to 13~~ claim 1, wherein diffractive in-coupling gratings are embossed into said foil by said rolling, so as to provide coupling in of light from lighting elements lighting at a certain angular distribution to said surface of said foil into said foil.

15. (original) The method of claim 14, wherein through holes are cut out of at least one of said optical films at positions of said diffractive in-coupling gratings during segmentation of said light guides.
16. (currently amended) The method of ~~any one of claims 1 to 15~~ claim 1, wherein through holes are cut out of at least parts of individual light guides at positions where side firing lighting elements are to be positioned, to enable in-coupling of light into said light guide by side firing lighting elements.
17. (currently amended) The method of ~~any one of claims 1 to 16~~ claim 1, wherein said foil is rolled at a speed between 0,1 – 100 m/min.
18. (currently amended) The method of ~~any one of claims 1 to 17~~ claim 1, wherein said gratings are embossed by rotogravure offset or flexo-printing.
19. (currently amended) The method of ~~any one of claims 1 to 18~~ claim 1, wherein the height of said gratings is between 0,1 to 1 μ m.
20. (currently amended) The method of ~~any one of claims 1 to 19~~ claim 1, wherein said foil and/or said optical films comprise at least one of the materials Polycarbonate $[(PC)]$, Polymethylacrylate (~~PMMA~~), Polyvinylchloride $[(PVC)]$, Polyethylene $[(PE)]$, Polyethyleneterephthalate $[(PET)]$, or thermoplastic Polyester.
21. (currently amended) The method of ~~any one of claims 1 to 20~~ claim 1, wherein said foil and/or said optical films have a refractive index between 1,3 and 1,8.

22. (currently amended) The method of any one of claims 1 to 21 claim 1, wherein a rolling temperature is adjusted to allow embossing said gratings into said foil at rolling speed.
23. (currently amended) The method of ~~any one of claims 1 to 22~~ claim 1, wherein said diffractive gratings are embossed into parts of said foil and wherein electronic and/or opto-electronic components are printed onto parts of said foil.
24. (original) The method of claim 23, wherein said electronic and/or opto-electronic components are printed onto said foil by an additional rolling process and/or an additional printing process.
25. (currently amended) The method of ~~any one of claims 1 to 24~~ claim 1, wherein parts of said foil are extended to be used ~~as means~~ for transporting optical signals and/or light to out-coupling elements.
26. (currently amended) An apparatus for manufacturing a light guide, in particular a backlighting or frontlighting light guide for user interfaces of electronic devices, comprising:
~~first supply means~~ a first supply unit for providing a light guiding substrate as a foil,
~~rolling means~~ a rolling unit for embossing diffractive gratings on at least one side of said foil,
[[with]] a second and/or third supply [[means]] unit for continuously providing ~~continuously~~ additional optical films on either side of said foil, and
[[with]] a lamination [[means]] unit for laminating said additional optical films onto said embossed foil after rolling.
27. (currently amended) The apparatus of claim 26, [[with]] wherein said first supply unit is a bobbin for providing said foil substantially continuously.

28. (currently amended) The apparatus of ~~any one of claims 26 to 27~~ claim 26, with a cutting ~~[[means]]~~ unit for cutting individual light guides of said foil after laminating said foil with said additional optical films.

29. (currently amended) The apparatus of ~~any one of claims 26 to 28~~ claim 26, with a stamping ~~[[means]]~~ unit for stamping individual light guides of said foil after laminating said foil with said additional optical films.

30. (currently amended) The apparatus of ~~any one of claims 26 to 29~~ claim 26, wherein said cutting ~~[[means]]~~ unit or said stamping ~~[[means]]~~ unit are integrated within said lamination ~~[[means]]~~ unit, segmenting said foil during lamination.

31. (currently amended) The apparatus of ~~any one of claims 26 to 31~~ claim 26, wherein said rolling ~~means provide~~ unit provides areas of diffractive grating patterns onto said foil.

32. (currently amended) A system for manufacturing a light guide, ~~in particular a backlighting or frontlighting light guide for user interfaces of electronic devices, in particular with an apparatus according to any one of claims 28 to 31~~ comprising:
a supply ~~[[means]]~~ unit for providing a light guiding substrate as a foil,
a rolling ~~[[means]]~~ unit for embossing diffractive gratings on at least one side of said foils,
[[and]]
[[with]] a second and/or a third supply ~~[[means]]~~ unit for continuously providing ~~continuously~~ additional optical films on either side of said foil, and
[[with]] a lamination ~~[[means]]~~ unit for laminating said additional optical films onto said embossed foil after rolling.

33. (original) A light guide, in particular a backlighting or frontlighting light guide for user interfaces of electronic devices, manufactured by embossing diffractive gratings on at least one side of a foil of light guiding substrate by rolling according to a method of claim 1.

34. (original) The light guide of claim 33, with optical films laminated at least along outer edges and/or at corners of segments of said foil.

35. (currently amended) The light guide of ~~any one of claims 33 or 34~~ claim 33, with through holes in at least one of said additional optical films for in-coupling of light into said light guide from lighting elements lighting at a certain angle distribution to said surface of said foil into said foil.

36. (currently amended) The light guide of ~~any one of claims 33 to 35~~ claim 33, with through holes cut out of said foil and/or said films at positions where side firing lighting elements are to be positioned to enable in-coupling of light into said light guide by side firing lighting elements.

37. (currently amended) ~~Mobile~~ A mobile communications equipment comprising a light guide according to ~~any one of claims 33 to 36~~ claim 33.

38. (new) An apparatus for manufacturing a light guide, in particular a backlighting or frontlighting light guide for user interfaces of electronic devices, comprising:
first supply means for providing a light guiding substrate as a foil,
rolling means for embossing diffractive gratings on at least one side of said foil,
with second and/or third supply means for providing continuously additional optical films on either side of said foil, and
with lamination means for laminating said additional optical films onto said embossed foil

after rolling.

39. (new) The apparatus of claim 26, with a bobbin for providing said foil substantially continuously.